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VPCSA23GX/SI

At just over 3.6 lbs. the all new VAIO® S Series laptop offers a step up to the performance and portability you demand. From its seamless contours to advanced technology that offers up to 15 hours of combined battery life (with optional extended battery)[9] the S combines bold design and mobile performance in a way only Sony can.

All Day Mobility

Leveraging the latest innovations in lithium polymer technology, the battery of the S Series is integrated into the PC and conforms to the contours of the chassis offering a thinner battery profile while still supplying up to 8 hours of battery life.[9] This concept even extends to the all-new large capacity sheet battery and leaves behind the traditional bulky and protruding long-life batteries of the past. Attaching directly to the standard capacity battery and by working in tandem with it, you'll enjoy up to 15 hours of total combined battery life (with optional extended battery)[9] – helping to keep you unplugged longer.

Detail in Design

With uncompromising attention to detail and a passion for design, the all new S Series features a fully flat design concept, a seamless piece of brushed aluminum milled to precise specifications creates the core of the S Series chassis offering firm structural integrity while creating bold clean contours.

Intel® Core™ Processor technology

For the most visible difference in multitasking or HD multimedia, S Series features top-of-the-line performance you can truly see and feel. With our best set of features for speed and responsiveness, you can experience the 2nd generation Intel® Core™ i5 processor and the AMD® HD 6630M 1GB VRAM dedicated graphics making it the ideal choice for whatever you want to do. In addition, Solid State Drives with RAID O technology provide the maximum storage and protection performance.

Designed and engineered to speak for itself, the S Series introduces you to a world of bold design and mobile performance only Sony can bring you. Featuring 2nd generation Intel® Core™ processor technology powerful yet efficient hybrid graphics, beautiful 13.3" anti-glare display, and up to 15 hours of combined battery life (with optional extended battery)[9] in a thin-and-light chassis, the S Series perfectly combines design, power and portability at an exceptional value.

Specifications

Processor	
Processor Type	Intel® Core™ i5-2410M
Processor Technology	Dual Core
Processor Speed	2.30GHz[1] with Intel® Turbo Boost Technology up to 2.90GHz[2]
Processor Cache	3MB
Display	
Screen Size	13.3"
Resolution	1600 x 900
Backlight Technology	LED
Memory	
Installed Memory	4GB (onboard)
Memory Type/Speed	DDR3/1333MHz
Max. Memory	8GB

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Graphics	
Graphics Processor	AMD Radeon™ HD 6630M
Graphics Video RAM	1GB dedicated
Graphics Technology	Hybrid Graphics
Storage	
Storage Type	Solid State Drive
Storage Capacity	128GB SSD[4]
Storage Technology	No RAID
Optical Drive	
Optical Drive Type	CD/DVD Player / Burner
Optical Drive Support - CD/DVD	Read / Write
Hardware	
Camera	Built-in HD web camera powered by Exmor™ sensor and microphone
Keyboard	QWERTY, 82 keys with 2.0mm stroke and 19.05mm pitch
Backlit Keyboard	Yes
Audio	
Sound System	Intel® High Definition Audio with Dolby® Home Theater® Technology v3
Inputs and Outputs	
DC-In	1
USB 3.0	1
USB 2.0	2
VGA Output(s)	1
Headphone Output	1
Secure Digital (SD) Slot	1
Port Replicator Connector(s)	1
HDMI® Output(s)	1
Memory Stick Duo™	1
Wireless/Networking	
Bluetooth® Technology	Bluetooth Integrated Stereo A2DP (2.1 + EDR)
Ethernet Protocol	1000BASE-T/100BASE-TX/10BASE-T
WiFi Adapter	Intel® Centrino® Advanced-N 6205
WiDi Ready	Yes - Intel® Wireless Display Technology[8]
Software	
Operating System	Genuine Windows® 7 Professional with Service Pack 1 64-bit
Supplied Software	Microsoft® Office Starter with reduced-functionality versions of Word and Excel®[6], VAIO Care™, Media Gallery™, PMB - VAIO Edition
Anti-Virus Software	Norton Internet Security™ 2011 30-Day Trial Offer[11]
Service and Warranty Information	
Toll-Free Phone Support	888-476-6972[7]
Onsite/In-Home Service	Yes[12]
International Service	Yes
Limited Warranty Term	1 Year
Priority Phone Support	239-768-7605[7]
Environmental Information	
ENERGY STAR®	5.0

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EPEAT™	Gold
ROHS®	Compliant
Weights and Measurements	
Dimensions (Approx.)	13.04" (W) x 0.92" (H) x 8.84" (D)
Weight (Approx.)	3.65 lbs. (with Internal Battery)
Power	
Battery Type	Internal Lithium Polymer Battery (4400mAh)
DVD Playback	Up to 4.5 hours[9]
Default Brightness	Up to 8 hours[9]
Maximum Brightness	Up to 7 hours[9]
Start-up Times	
Average Resume Time from Suspend	2 seconds
Average Boot Time	60 seconds
First Boot Time	5 minutes, excluding end user interaction
General	
Security	Biometric Fingerprint Sensor, Trusted Platform Module (TCG ver. 1.2 certified)
Action Buttons	VAIO, ASSIST, WEB, Eject, Speed/Stamina, Wireless On/Off
Pointing Device	Touchpad (Gesture supported)
Supplied Accessories	
Supplied Accessories	Internal Lithium Polymer Battery (4000mAh), AC Adapter, Power Cord

1. GHz denotes maximum microprocessor internal clock speed and may vary based on application.

2. Requires a system with Intel® Turbo Boost Technology capability. Intel Turbo Boost Technology 2.0 is available only on 2nd generation Intel® Core™ i5 and Core™ i7 processors. Performance varies depending on hardware, software and system configuration.

3. Available on select Intel® Core™ processors. Requires an Intel® HT Technology enabled system. Performance will vary depending on the specific hardware and software used.

4. 1 GB = one billion bytes. Actual formatted capacity will be less.

6. This PC is preloaded with reduced-functionality versions of Word and Excel that include advertising. Purchase an Office 2010 Product Key to activate full-featured Office software on this PC.

7. For some third party software, Sony provides initial support. Additional support may be available from the applicable vendor. Availability may vary by vendor.

8. Requires TV Adapter and compatible television. Does not support Blu-ray Disc™ or other protected content playback.

10. Mobile Broadband service sold separately.

11. Norton™ Internet Security 2011 30-day subscription is pre-installed on your Sony VAIO PC. You need to activate the software for the product to work. After your 30-days are finished, buy Norton Internet Security to continue to be protected from viruses, hackers and identify theft.

12. Availability may be limited. See limited warranty for details.

Specifications subject to change. Non-metric weights and measures are approximate.

Certain Microsoft products included with this computer may use technological measures for copy protection. IN SUCH EVENT, YOU WILL NOT BE ABLE TO USE THE PRODUCT IF YOU DO NOT FULLY COMPLY WITH THE PRODUCT ACTIVATIONPROCEDURES. Product activation procedures and Microsoft's privacy policy will be detailed during initial launch of the product, or upon certain reinstallations of the software product(s) or reconfigurations of the computer and may be completed by Internet or telephone (toll charges may apply).

This product meets the standards of the International Energy Star Program for energy efficiency.

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Certain restrictions apply. See www.sonystyle.com/pcwarranty for more information.

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